

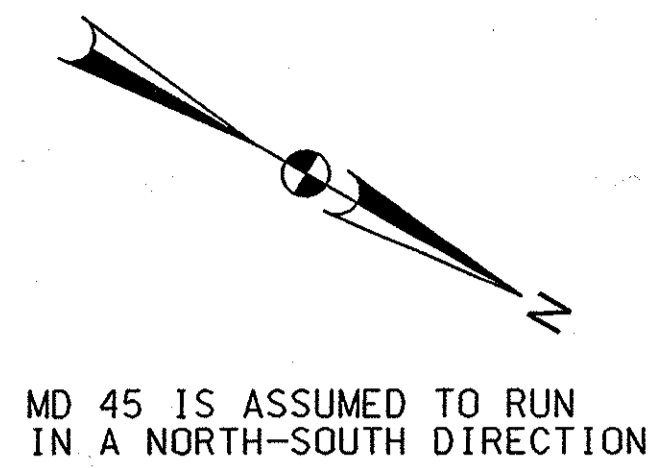
DRILL HOLES

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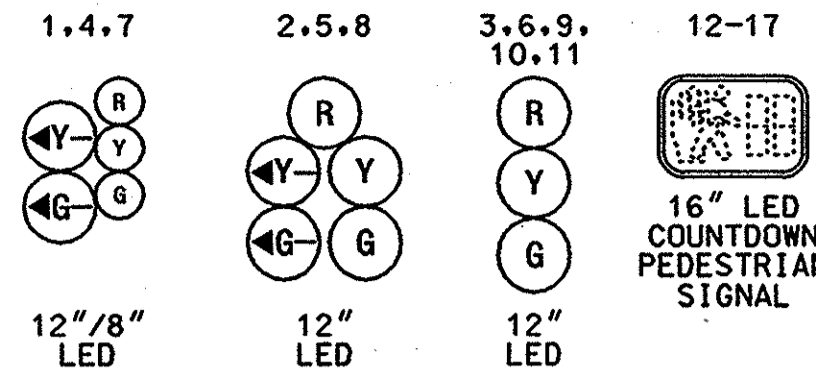
BORDER REV. DATE: June 1, 2004

BY: WJWARNER



MD 45 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

### EXISTING SIGNAL HEADS

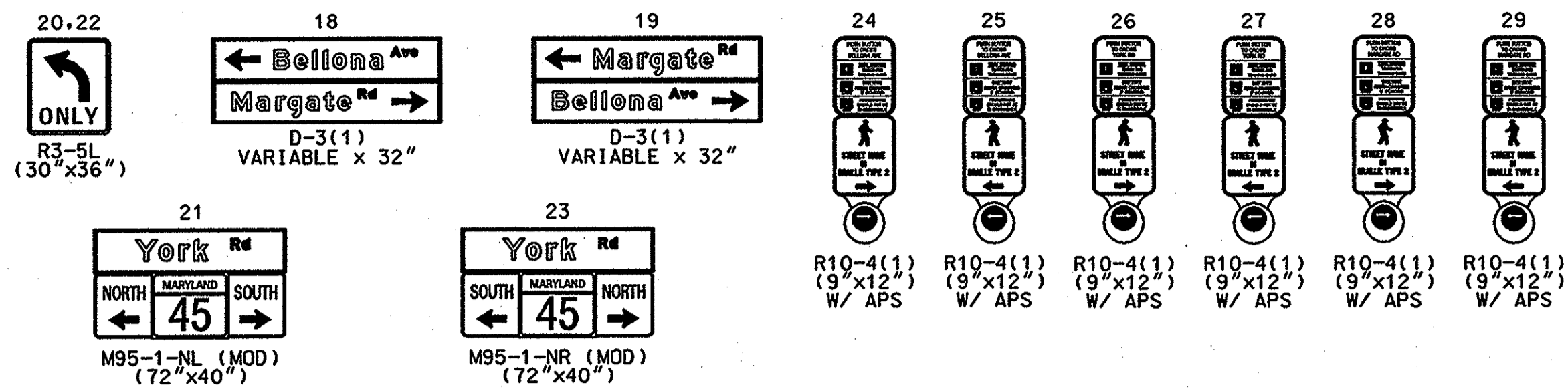


### EXISTING VIDEO DETECTION CAMERAS

A,B,C,D

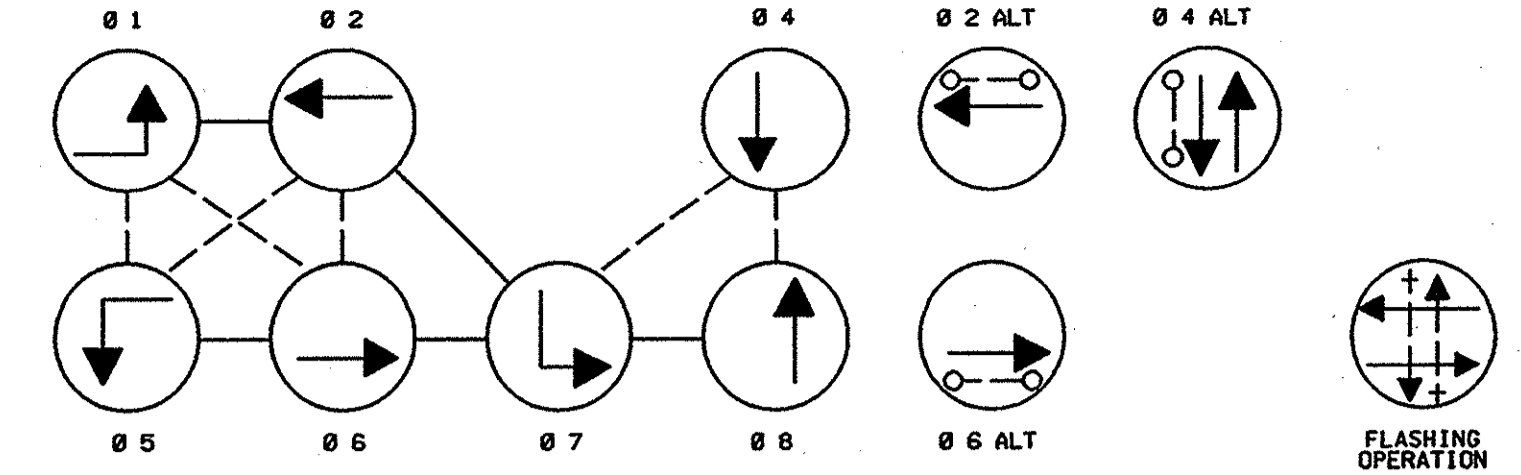


### EXISTING SIGNS



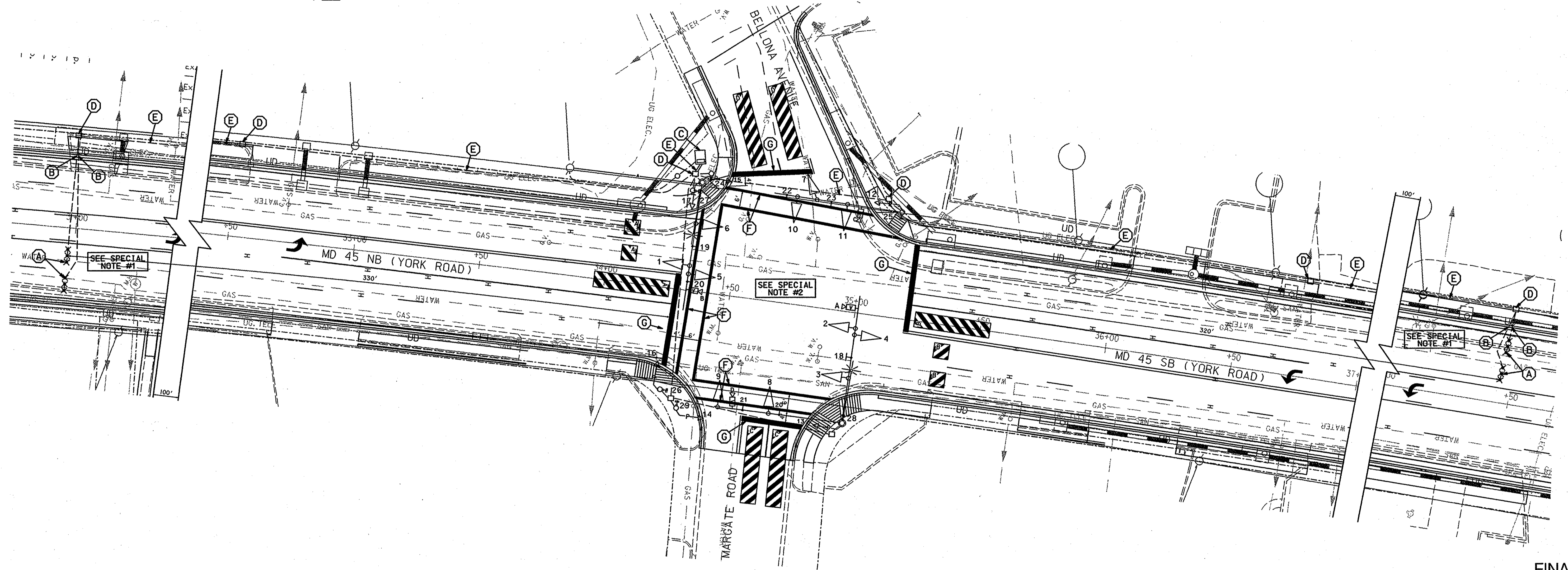
SEE SPECIAL  
NOTE #2

### NEMA PHASING



### PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



FINAL

GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS
---	EXISTING RIGHT OF WAY
---	PROPOSED RIGHT OF WAY

### CONSTRUCTION DETAILS

- INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN WITHIN 4 IN. CONDUIT.
- INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- USE EXISTING BASE MOUNTED CONTROLLER.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
- INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).

### GENERAL NOTES

- REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.

### SPECIAL NOTES

- MICROLOOP PROBE SETS SHALL BE INSTALLED IN FINAL MD 45 TRAVEL LANE LOCATIONS AFTER ALL PAVEMENT GRINDING IS COMPLETED AND IMMEDIATELY PRIOR TO THE FINAL MD 45 PAVEMENT OVERLAY.
- UNCOVER MD 45 LEFT TURN SIGNALS AND SIGNS. MODIFY SIGNAL PHASING.
- VIDEO DETECTION AREAS MAY NEED TO BE ADJUSTED BASED ON FINAL PAVEMENT MARKINGS.
- ALL CROSSWALKS ARE CENTERED TO THE CENTER OF THEIR RESPECTIVE CURB RAMPS.

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OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MARYLAND 45 (YORK ROAD) WIDENING  
CAVAN DRIVE TO RIDGELY ROAD

APPROVALS		REVISIONS		SIGNALIZATION PLAN - MD 45 at Bellona Avenue / Margate Road	
TEAM LEADER				SCALE 1"=20' DATE _____ CONTRACT NO. BA7065171	
ASST. DIV. CHIEF				DESIGNED BY _____ COUNTY BALTIMORE	
DIVISION CHIEF				DRAWN BY _____ LOGMILE 03004503.92	
OFFICE DIRECTOR				CHECKED BY _____ T.I.M.S. NO. _____	
				F.A.P. NO. SEE TITLE SHEET TOD NO. _____	
				DRAWING NO. SS-20 OF SS-25 SHEET NO. 88 OF 137	

PLOTTED: 03/02/2006  
FILE: G:\4674\10\DESIGN\ENGINEERING\PLANSET\SS20MD45.DGN